



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Zhihao Yang, et al

METHOD FOR DNA
SEQUENCING AND GENE
IDENTIFICATION

Serial No. US 10/059,988

Filed 29 January 2002

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Group Art Unit: 1645

Examiner: A. Chakrabarti

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Carol A. Kukarudza
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June 18, 2003
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Sir:

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT FOR
CONSIDERATION BY THE OFFICE UNDER 37 C.F.R. 1.97-1.99**

Enclosed herewith are patents and/or publications for consideration by the Patent and Trademark Office in regard to the invention claimed in the above-described application. In compliance with §1.56, such documents are listed in the enclosed Form PTO-1449.

Applicants request that the Patent and Trademark Office make of record the above-identified documents. Unless otherwise indicated, a full text copy of each document is attached. For documents not in English, an English translation or an equivalent English language patent or publication may be attached. Where a translation is not available, a concise explanation of the relevance of each document not in English is included either here or in the specification.

This Information Disclosure Statement (hereinafter "Statement") is submitted according to the following selected paragraph:

- I. ☐ This Statement is being filed under §1.97(b) within three months of the filing date of the application (other than a CPA), or before the mailing of a first Office action on the merits or before the mailing of a first Office action after the filing of a request for continued examination.
- II. ☐ This Statement is being filed under §1.97(c), with fee, prior to the mailing date of any of a final action, a notice of allowance or an action that otherwise closes prosecution in the application. Please charge the fee required by §1.17(p) to Eastman Kodak Company Deposit Order Account Number 05-0225. A duplicate copy of this Certification is enclosed.

III. ☒ This Statement is being filed under §1.97(c), with a certification under, §1.97(e) prior to the mailing date of any of a final action, a notice of allowance or an action that otherwise closes prosecution in the application. The undersigned hereby states that (check one):

☒ each item of information contained in this Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement.

☐ no item of information in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this certification under §1.97(e) after making reasonable inquiry, no item of information contained in this Statement was known to any individual designated in §1.56(c) more than three months prior to the filing of this Statement.

IV. ☐ This Statement is being filed under §1.97(d), with fee and certification under §1.97(e), on or after the mailing date of either a final action, a notice of allowance (but prior to payment of the issue fee) or an action that otherwise closes prosecution in the application. Please charge the fee required by §1.17(p) to Eastman Kodak Company Deposit Order Account No. 05-0225. A duplicate copy of this Certification is enclosed. The undersigned hereby states that (check one):

☐ each item of information in this Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement.

☐ no item of information in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this certification under §1.97(e) after making reasonable inquiry, no item of information contained in this Statement was known to any individual designated in §1.56(c) more than three months prior to the filing of this Statement.

Respectfully submitted,



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Enclosures

JUN 20 2002

FORM PTO-1419

US DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

Atty. Docket No.

83965KNM

Customer No. 01333

Serial No.

US 10/059,988

If AFTER the later date of the first Office Action or 3 months from filing, use only with Rule 97(E) Certificate or Fee

Applicant:

Zhihao Yang, et al

LIST OF ART CITED BY APPLICANT

(Use several sheets if necessary)

Filing Date

29 January 2002

Group

1645

U.S. PATENT DOCUMENTS

Examiner Initial*	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,789,167	08/04/98	Konrad	JUN 23 2003		
	5,194,300	3/16/93	Cheung			
	5,356,776	10/18/94	Kambara et al.	TECH CENTER 1600/2900		

FOREIGN PATENT DOCUMENTS

Examiner Initial*	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	Laura T. Mazzola et al., Discrimination of DNA Hybridization Using Chemical Force Microscopy, Biophysical Journal, June 1999, Volume 76, pp. 2922-2933.
	C. Desmaze et al., In Situ Hybridization of Fluorescent Probes on Chromosomes, Nuclei or Stretched DNA: Applications in Physical Mapping and Characterization of Genomic Rearrangements, Cellular and Molecular Biology 41(7), 1995, pp. 925-931.
	H-U.G. Weier, et al., Quantitative DNA Fiber Mapping, Human Molecular Genetics, 1995, Vol. 4, No. 10, pp. 1903-1910.
	X. Michalet, Dynamic Molecular Combing: Stretching the Whole Human Genome for High-Resolution Studies, Science, September 5, 1997, Vol. 277, pp. 1518-1523.
	M. Han, et al., Quantum-dot-Tagged Microbeads for Multiplexed Optical Coding of Biomolecules, Nature Biotechnology, July 2001, pp. 631-635
	D. Gerion, et al., Sorting Fluorescent Nanocrystals with DNA, J. Am. Chem. Soc. 2002, 124, pp. 7070-7074.

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.